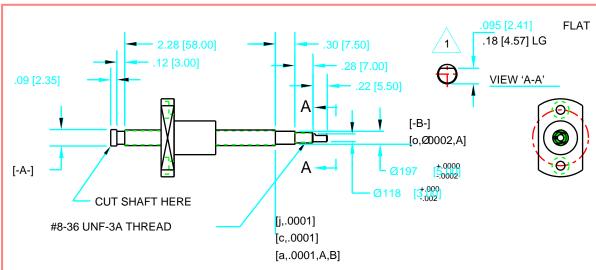
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PLOT SCALE: 1=1

DWG. SCALE: 1

A15808



IF FOREIGN MATTER SUCH AS DUST MAY POSSIBLY GET INTO BALL SCREWS, THE THREADED SHAFTS MUST BE COVERED BY MEANS OF DUST PREVENTIVE. THK STANDARD MINIATURE BALL SCREWS CAN BE LABYRINTH SOLUTION IF NECESSARY.

NOTE: ALL DIMENSIONS WITH [] ARE MILLIMETERS.

SOURCE

DESIGN COMPONENTS 20370 RAND ROAD SUITE 209 PALATINE, IL. 60074 708-540-1381 FAX: 708-540-1384

MACHINING PROCEDURE

- 1. TAPE UP A VINYL-PACKED NUT AT BOTH ENDS SO THAT THE NUT WILL NOT BE MOVED WHEN THE SHAFT IS ROTATED. DO NOT ATTEMPT TO REMOVE NUT.
- 2. SHIFT THE VINYL PACKING THAT REQUIRES ADDITIONAL MACHINING TOWARD THE THREADED PORTION AND TAPE IT SO THAT NO CHIPS GET IN.
- 3. WITH THE SHAFT FIXED BY CENTERS, MACHINE THE SHAFT ENDS.

NOTE: IF THE SHAFT ENDS NEED TAPPING OR ANY OTHER ID MACHINING, CHUCK THE SHAFT AT ITS OD AND CHECK THE OD FOR A RUNOUT.

- 4. AFTER MACHINING, REMOVE THE CHIPS FROM THE MACHINED PART AND CLEAN IT WITH ILLUMINATING KEROSINE.
- 5. IF THERE IS A DELAY BEFORE USE, COAT THE BALL SCREW WITH RUST PREVENTIVE AND PACK IT WITH VINYL.



	11													
				ITEM DWG/PART NUMBER		t	NOMENCLATURE OR DESCRIPTION					MATERIAL / SPEC	QTY	
				PARTS LIST										
			UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS ANGULAR		LOG NUMBER A15812		THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY							
			.XX	,	DRAWN BY	MANN	6/24/9	CHIEF DESIGN ENGINEER B D. SHU	DATE 7/29/93	ADVANCED PHOTON S		SOUR		
			SURFACE ROUGHNESS 125 REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. SURFACE TEXTURE TO BE IN		CHECKED BY		7/23/93	GP LEADER T. KUZAY	7/29/93	T2 BEAM POSITION MONITOR				
					DESIGNER BARRA	AZA/FUHR	RMANN	PROJECT MGR.		HORIZONTAL POSITION MO BALL SCREW ASSEMB				
1	FLAT ADDED TO SHAFT	J.W.			ACCORDANCE WITH LATEST ANSI B46.1 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5		RESPONSIBLE		7/23/93	APPROVED/RELEASED				
1	MBF WAS MBK	J.W.			ACCORDAN	NOE WITH EATEOT AND THE	MATERIAL "THK"				SCALE 1:1	SIZE	DRAWING NUMBER	
SYM	CHANGE DESCRIPTION	BY	CHKD	DATE							₁ B	P4105090502-8300	05-01	
REVISIONS					DO NO	OT SCALE DRAWING					SHEET 1		1 110000000 0000	00 01